

# FIU School of Computer and Information Sciences

## FALL 2020 Senior Design Project

# Aviation Job Board Portal

Student: Dany Franco

Product Owner: Dr. Masoud Sadjadi

Instructor/Faculty: Dr. Masoud Sadjadi, Florida International University

### PROBLEM

Though there might be a couple other job board sites, our site is exclusive to the aviation industry. Also, our site takes in two different types of users, you have the ability to be either a company owner with a company profile that will allow you to post/edit/delete jobs and events, or a jobseeker and apply to jobs and RSVP for events. Company owners may search for jobseekers based off their skills.

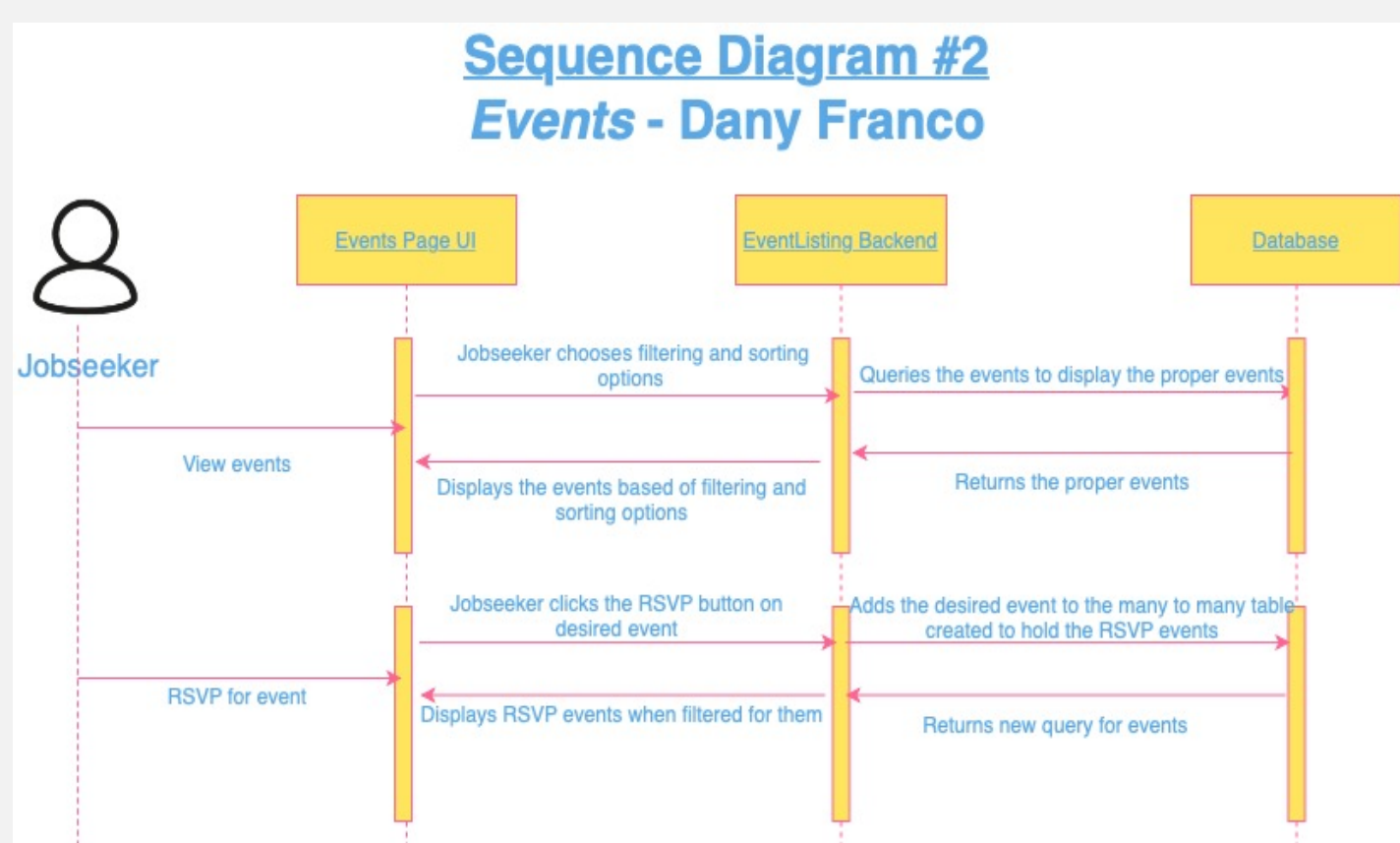
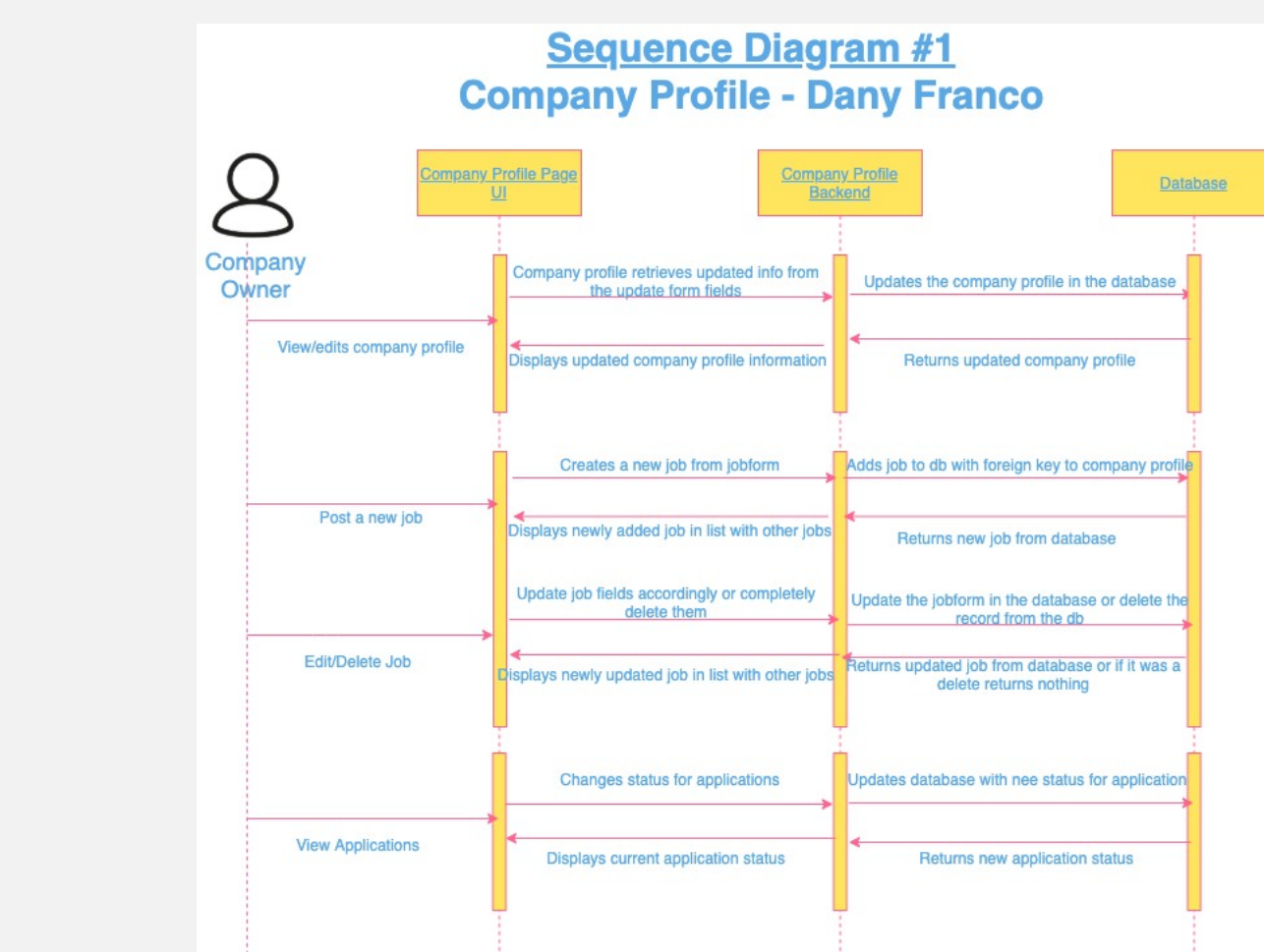
### CURRENT SYSTEM

We did not have a current system, everything we made was built from scratch. Almost the entirety of our project was built from the ground up by this team and our previous semester team. In addition, we have improved on our work from last semester and have added new features to our site like the Events feature, and the User Search page feature.

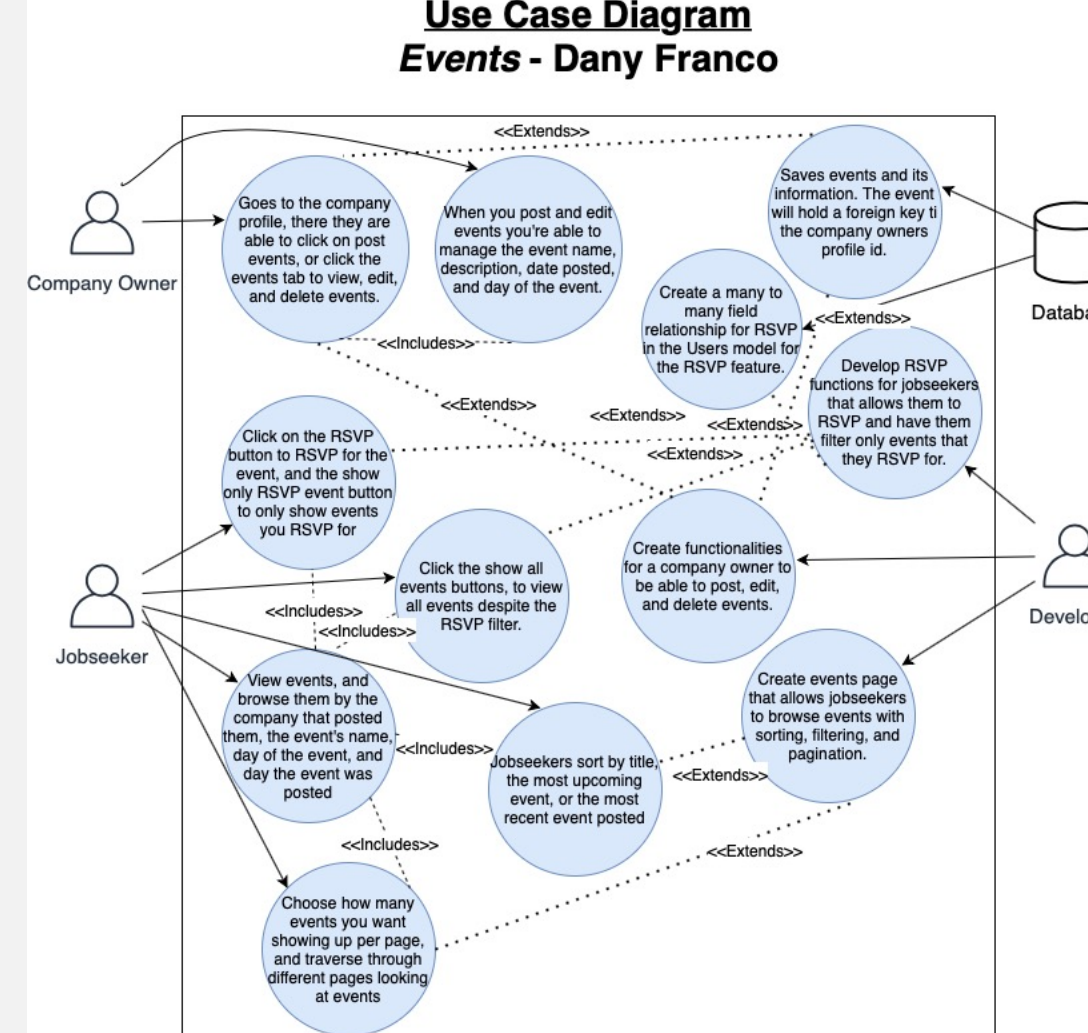
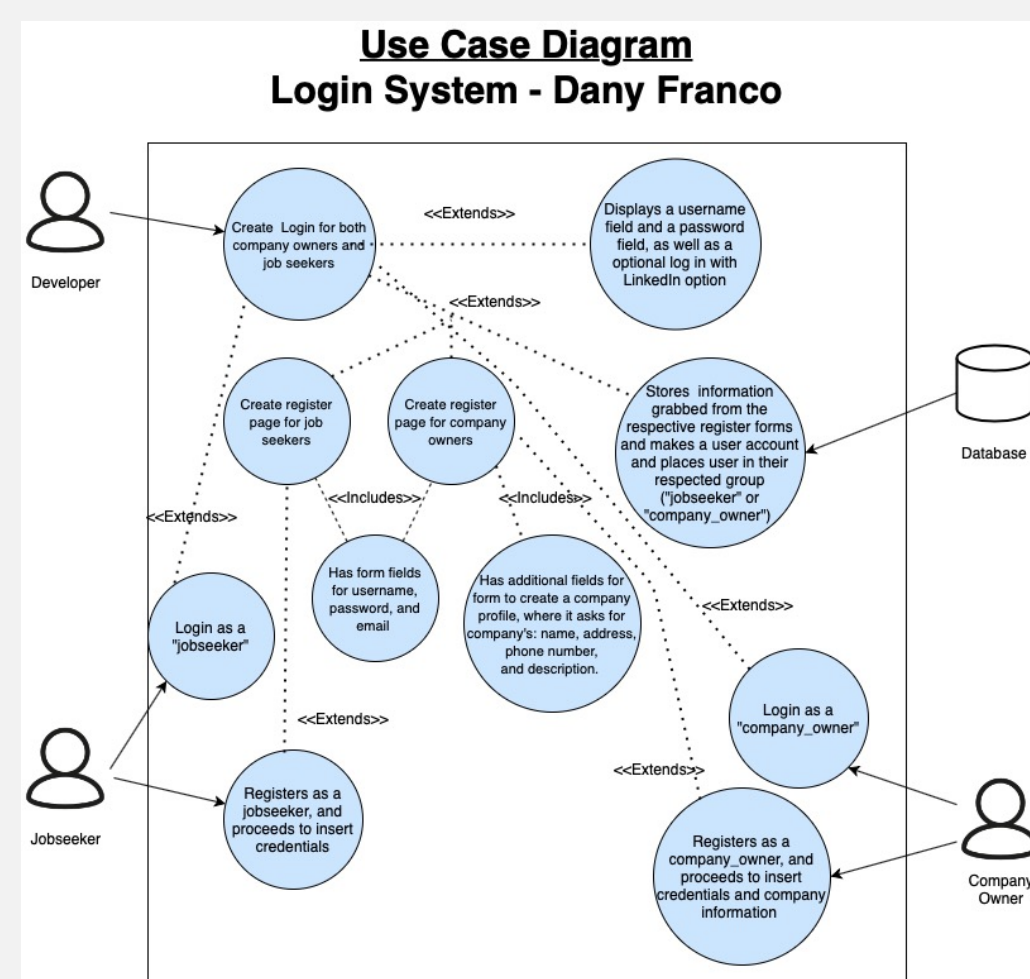
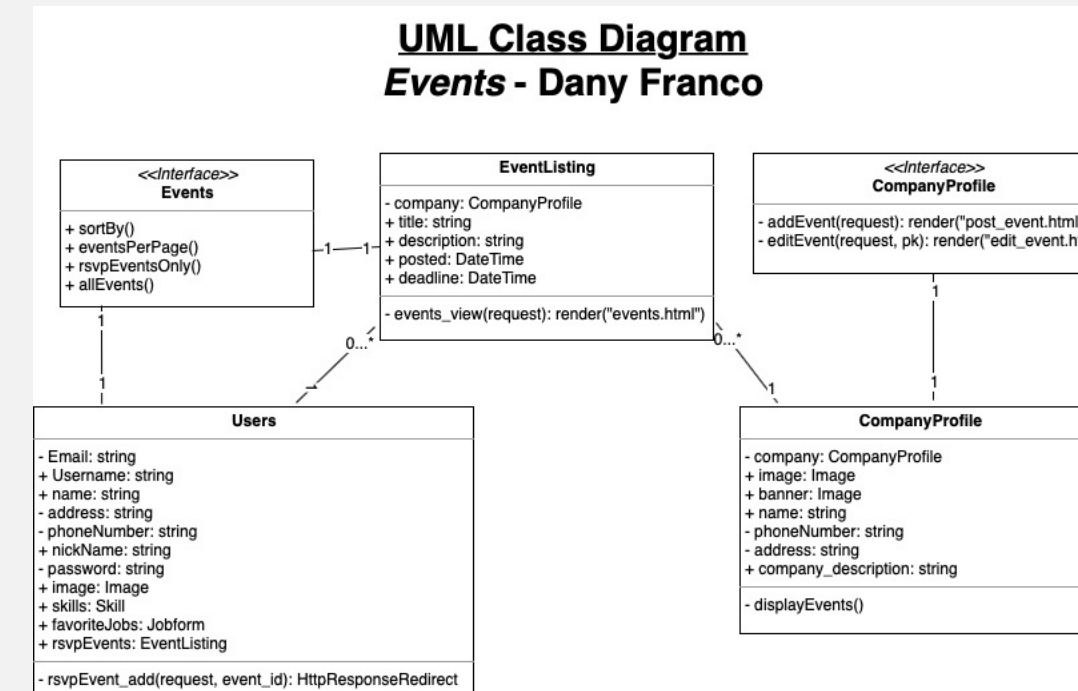
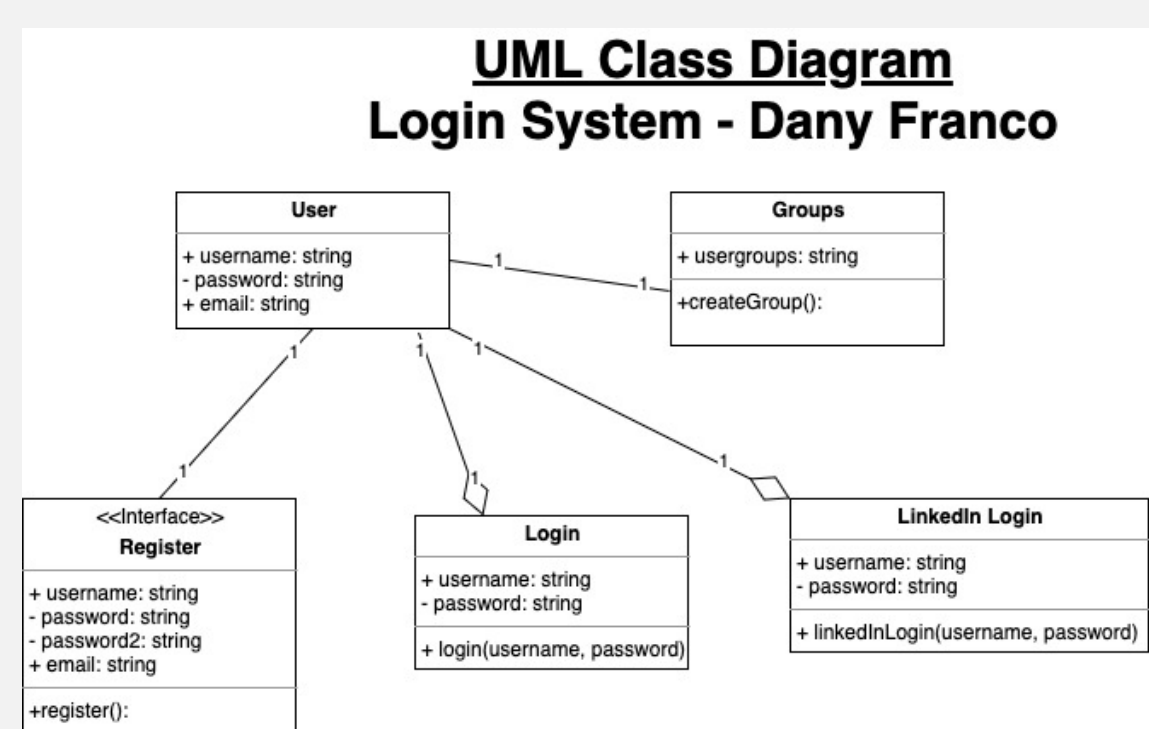
### REQUIREMENTS

- Login and registration system must support two different users (jobseekers and company owners) and create profiles for them.
- A company owner must be able to post, edit, and delete jobs and events.
- The jobs and events must contain a foreign key to the profile of the company owner who posted it.
- Jobseekers must be able to view all events in its own separate events page with sorting, and pagination features.
- RSVP feature to allow jobseekers to filter for the event they'll most likely attend.
- User search page to look for jobseekers

### SYSTEM DESIGN



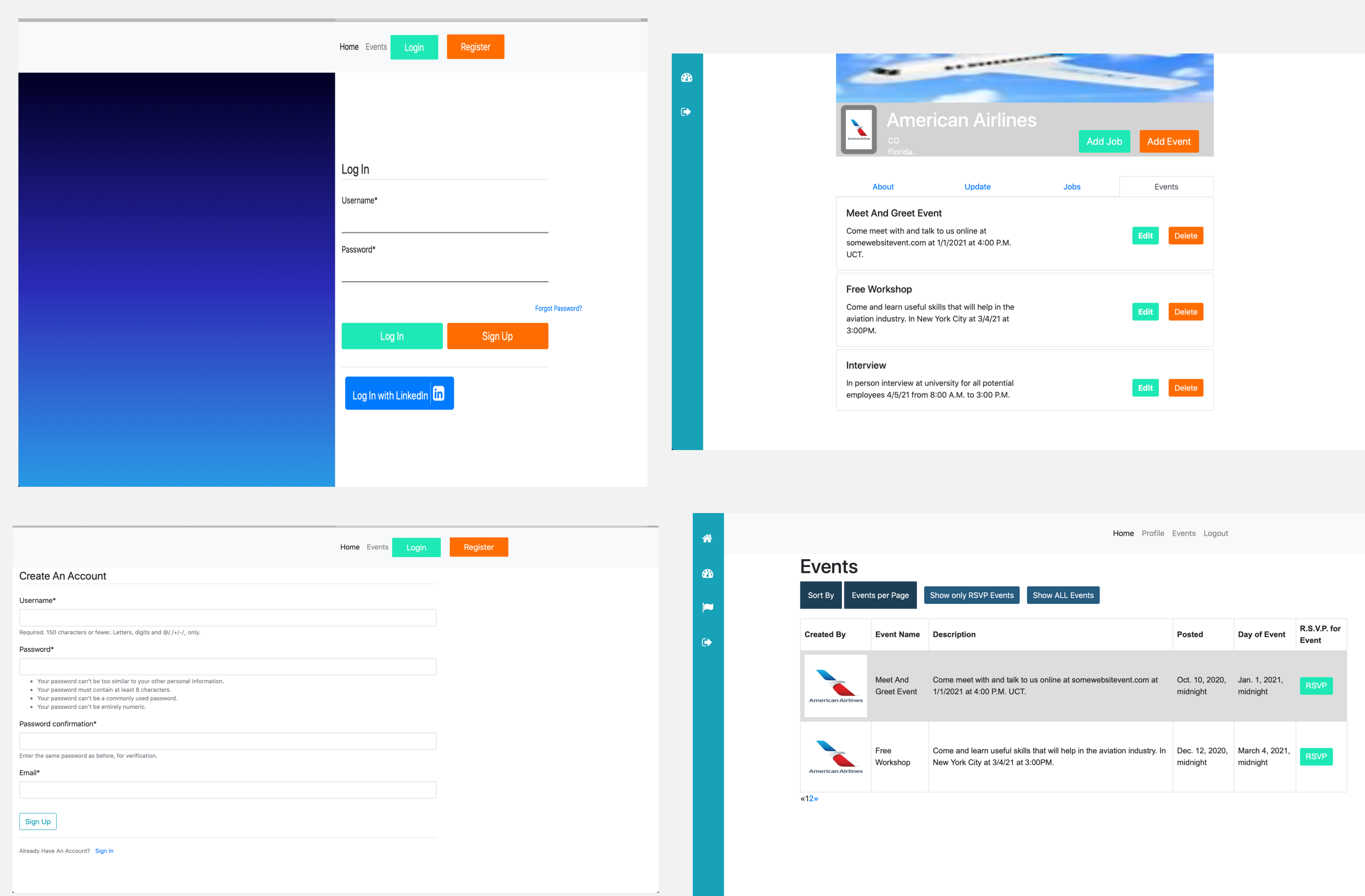
### OBJECT DESIGN



### VERIFICATION

In order to verify and test our site throughout the developing stages and final production stage we constantly created new test accounts for both jobseekers and company owners and tested both their functionalities such as registering/logging in, viewing profiles, posting/editing/deleting jobs and events, and many other features. Lastly, it was important to us that these features are easily usable.

### SCREENSHOTS



### SUMMARY

This aviation job board site allows for both company owners and jobseekers to register/log in to the site, and view/edit their profile. A company owner is then able to post/edit/delete jobs and events or look for jobseekers based on their skills. As for jobseekers, they're able to view jobs/events, and they're able to go to the events page and browse events.

**ATTENTION:** Subheadings shown above is a recommended structure for a research/scientific poster. Main elements of a poster are Introduction, Research and Conclusion. Researchers can customize the section headers based on their projects' needs. REMOVE THIS TEXT ONCE YOU START WORKING ON YOUR POSTER

### ACKNOWLEDGEMENT

The material presented in this poster is based upon the work supported by XXXXX (name of the project sponsor: federal, state or local government, or corporate partners, where applicable). We/I thank XXXX for his/her/their assistance and mentorship that I/we received throughout the senior design project.